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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
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Sheet 1 of 3

Complete if Known

Application Number	10/521,714
Filing Date	January 19, 2005
First Named Inventor	James R. Heath
Art Unit	n/a 2818
Examiner Name	n/a THAO P. LE
Attorney Docket Number	0180.0036

Sheet 1 of 3

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	/Thao Le/	Date Considered	07/26/2006
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Sheet 2 of 3

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Application Number	10/521,714
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Art Unit	n/a 2818
Examiner Name	n/a THAO P. LE

Attorney Docket Number 0180.0036

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
TL	1	Battiston, F.M., J.P. Ramseyer, et al. (2001). "Chemical sensor based on a microfabricated cantilever array with simultaneous resonance-frequency and bending readout" Sensors and Actuators B-Chemical 77(1-2): 122-131.	
TL	2	Cleland, A.N. and M.L. Roukes (1996). "Fabrication of High Frequency Nanometer Scale Mechanical Resonators from Bulk Si Crystals." Applied Physics Letters 69(18): 2653-2655.	
TL	3	Collier, C.P., J.O. Jeppesen, et al. (2001). "Molecular-based electronically switchable tunnel junction devices." Journal of the American Chemical Society 123(50): 12632-12641.	
TL	4	Cui, Y., Q.Q. Wei, et al. (2001). "Nanowire nanosensors for highly sensitive and selective detection of biological and chemical species." Science 293(5533): 1289-1292.	
TL	5	Erbe, A. and R.H. Blick (1999). "Nanomechanical resonators operating at radio frequencies." Physica B 272(1-4): 575-577.	
TL	6	Guo, L.J., P.R. Krauss, et al. (1997). "Nanoscale silicon field effect transistors fabricated using imprint lithography." Applied Physics Letters 71(13): 1881-1883.	
TL	7	Kong, J., N.R. Franklin, et al. (2000). "Nanotube molecular wires as chemical sensors." Science V287(N5453):622-625.	
TL	8	Kong, J., M.G. Chapline, et al. (2001). "Functionalized carbon nanotubes for molecular hydrogen sensors." Advanced Materials V13(N18): 1384-1386.	
TL	9	Lang, H.P., R. Berger, et al. (1998). "A chemical sensor based on a micromechanical cantilever array for the identification of gases and vapors." Applied Physics a-Materials Science & Processing 66 (PT1 SUPPS): S61-S64.	
TL	10	Mohanty, P., D.A. Harrington, et al. (2000). "Measurement of small forces in micron-sized resonators." Physica B 284(PT2): 2143-2144.	

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First Named Inventor **James R. Heath**

Art Unit **n/a** 2818

Examiner Name **n/a** **THAO P. LE**

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Sheet 3 of 3

Attorney Docket Number 0180.0036

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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Signature**

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